

## Product datasheet for TP508726

### Sh2b3 (NM\_008507) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse SH2B adaptor protein 3 (Sh2b3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208726 representing NM_008507 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MNEPTVQPSRTSSAPASPASPRGWSDFCEQHAAAAARELARQYWLFAHHPQPPRADLVSLQFAELFQRH  
FCREVRESLAGPPGHYRATAPPRPALPKARSSDLGPRPACALQHLRRGLRQLFRRRSAGELPGATSDT  
NDIDTTAASRPGPARKLLPWGLREPTEALKEVVLRYSLADEAAMD SGARWQRGRLVLRSPGPGHSHFLQ  
LFDPPKSSPKLQEACSSIREVRPCTRLMPDNLYTFVLKVDQDQTDIIFEVGDEQQLNSWLAE LRASTGL  
GLEHPDTELPLSLAAEPGPASPRGSTDLDQGASPGVLLDPACQKTDHFLSCYPWFHGPISRVR AAQLV  
QLQGPDAHGVFLVRQSESRRG EYVLT FN LQGRAKHLRLV LTERGQCRVQHLHFPSVVDMLRHFQ RSPIPL  
ECGAACDVRLSGYVWLSQAPGSSNTVLPFSLPHWDELGHPHLSSVGCPPSHGAEALPGQVTPPEQIF  
HLVPSPEELANSLRQLELESVSSARDSYDMDSSSRGHLRAIDNQYTPLSQLCREADV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	60.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_032533</a>



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Locus ID: 16923

UniProt ID: [O09039](#)

RefSeq Size: 2498

Cytogenetics: 5 61.99 cM

RefSeq ORF: 1644

Synonyms: AI429800; L; Lnk

**Summary:** This gene encodes a member of the SH2B family of adapter proteins that play an important role in T cell receptor signaling. This gene is preferentially expressed in hematopoietic stem cells, hematopoietic progenitors, pre and immature B cells, as well as megakaryocytes and mastocytes. In hematopoietic stem cells, the encoded protein is a key regulator of self-renewal, proliferation and apoptosis. Mice lacking the encoded protein exhibit pre and immature B cell expansion in spleen and the bone marrow. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2015]